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(54) Title: ANTIGEN-SPECIFIC CELLS, METHODS OF GENERATING THESE CELLS AND USES THEREOF

(57) Abstract

The present invention provides methods for identifying antigens recognized by immune effector cells. In one embodiment, the methods combine identifying amino acid sequence motifs of such antigens and the DNA sequences that potentially encode the identified amino acid motifs and the DNA sequences which are aberrantly expressed in the cells. By comparison of these sequences, novel antigens that are recognized by immune effector cells are identified.

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